Amendments to the Claims:

If acceptable, this following listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (AMENDED) An amorphous shape memory polymeric network comprising a crosslinked ABA triblock dimethacrylate macromonomer, wherein the macromonomer comprises blocks derived from polyesters and polyethers, **and wherein A blocks of the ABA triblock have a molecular weight of 1500 g/mol to 3200 g/mol,** and wherein the network has at least two glass transition points.

2. (PREVIOUSLY PRESENTED)   The amorphous network according to claim 1, wherein the polyester is a poly (rac-lactide).

3. (PREVIOUSLY PRESENTED)   The amorphous network according to claim 1, wherein the polyester is the A block.

4. (PREVIOUSLY PRESENTED)   The amorphous network according to claim 1, wherein the polyester is a polypropylene oxide.

5. (PREVIOUSLY PRESENTED)   The amorphous network according to claim 1, wherein the polyester is the B block.

6. (AMENDED) A method for preparing an amorphous polymeric network, comprising irradiating a melt comprising an ABA triblock dimethacrylate macromonomer as defined in claim 1 with UV light in order to induce crosslinking of the macromonomer, wherein the resulting network has at least two glass transition points.

7-10. (CANCELED)

11.   (NEW)   An amorphous shape memory polymeric network comprising a crosslinked ABA triblock dimethacrylate macromonomer, wherein the macromonomer comprises blocks derived from polyesters and polyethers, and wherein the amorphous network has a recovery value of above approximately 90%.

12.   (NEW)   An amorphous shape memory polymeric network comprising a crosslinked ABA triblock dimethacrylate macromonomer, wherein the macromonomer comprises blocks derived from polyesters and polyethers, and wherein the amorphous network is completely amorphous.